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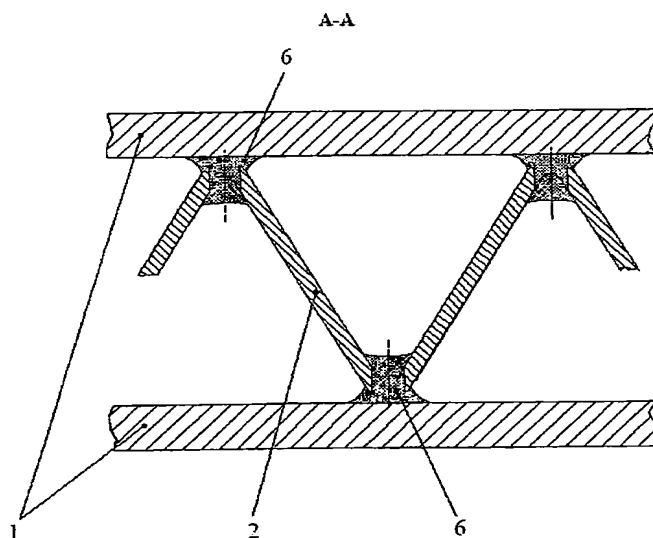
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(54) Title: **SANDWICH PANEL**



(57) Abstract: The invention can be defined in its most general form as a building unit, namely the sandwich panel with light core from corrugated sheet material in the form of zigzag crimp, and can be used in aircraft construction, as well as in shipbuilding and construction. Making use of the claimed invention will improve the weight efficiency, the strength and the manufacturability of the panel. The beneficial effect is attained due to the fact that the plane slanting ridges are connected along the protrusion and recess zigzag lines by means of curvilinear parts, whose radius is not less than the core material thickness, whereby along said parts is a line perforation enabling the adhesive material to get into the holes of the perforation in the course of core-skins assembling.